

AMENDMENTS TO THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

1. (Currently Amended) A control module for a mobile unit comprising:

[-]a plurality of user operable control members, said plurality of user operable control members being adapted to provide a plurality of user operable control signals, and

[-]means for multiplexing a first and a second control signal of the plurality of user operable control signals into a multiplexed control signal, said multiplexed control signal being available for further processing in an external signal processor~~the mobile unit~~ so as to control a number of operation parameters of said mobile unit,

wherein the external signal processor for further processing is arranged externally to the control module.

2. (Previously Presented) A control module according to claim 1, wherein the multiplexing means further comprises a timing input terminal, said timing input terminal being adapted to receive a timing signal/clock signal.

3. (Previously Presented) A control module according to claim 1, wherein the multiplexing means comprises an integrated circuit for multiplexing the first and second user operable control signals in the analogue domain.

4. (Currently Amended) A control module according to claim 3, further comprising an analogue-to-digital converter for receiving the multiplexed analogue control signals and for outputting a multiplexed digital control signal.

5. (Previously Presented) A control module according to claim 1, further comprising analogue-to-digital converters for receiving the first and second user operable control signals and for converting these analogue control signals into digital control signals.

6. (Previously Presented) A control module according to claim 5, wherein the multiplexing means comprises an integrated circuit for multiplexing the first and second user operable control signals in the digital domain.

7. (Previously Presented) A control module according to claim 1, wherein the mobile unit is a cellular phone, a hearing aid, or a pager.

8. (Previously Presented) A control module according to claim 1, wherein the multiplexing means multiplexes the first and second user operable control signals in the time domain.

9. (Previously Presented) A control module according to claim 1, wherein the multiplexing means multiplexes the first and second user operable control signals in the frequency domain.

10. (Currently Amended) A method of processing user operable control signals in a control module~~mobile unit~~, said method comprising the steps of:

[-]providing a plurality of user operable control signals, and
[-]multiplexing a first and a second control signal of the plurality of user operable control signals into a multiplexed control signal, said multiplexed control signal being available for further processing in an external signal processor~~the mobile unit~~ so as to control a number of operation parameters of the mobile unit,

wherein the external signal processor for further processing is arranged externally to the control module.

11. (Previously Presented) A method according to claim 10, wherein the multiplexing of the first and second user operable control signals is performed in the time domain.

12. (Previously Presented) A method according to claim 10, wherein the multiplexing of the first and second user operable control signals is performed in the frequency domain.

13. (Previously Presented) A method according to claim 10, wherein the provided plurality of user operable control signals are provided in a digital format.

14. (Previously Presented) A method according to claim 10, wherein the provided plurality of user operable control signals are provided in an analogue format.

15. (Previously Presented) A method according to claim 10, wherein the mobile unit is a cellular phone, a hearing aid, or a pager.

16. (Withdrawn) A hearing aid comprising a control module, said control module comprising:

- a plurality of user operable control members, said plurality of user operable control members being adapted to provide a plurality of user operable control signals, and
- means for multiplexing a first and a second control signal of the plurality of user operable control signals into a multiplexed control signal,

said multiplexed control signal being available for further processing in the hearing aid so as to control a number of operation parameters of said hearing aid.

17. (Cancelled)